

Perform optimization

106

Perform live-dead analysis for objects to identify a set of dead objects (e.g., objects that are dead after execution of the function completes; no external references to the objects)

202

Create a local table including addresses of all bytecodes which created the dead objects

204

FIG. 2

FIG. 2 is a flowchart illustrating a process for identifying dead objects.

302 ~ 304

| Index | Addresses |
|-------|-----------|
| 1 | Address 1 |
| 2 | Address 2 |
| 3 | Address 3 |
| 4 | Address 4 |
| | |
| | |

FIG. 3

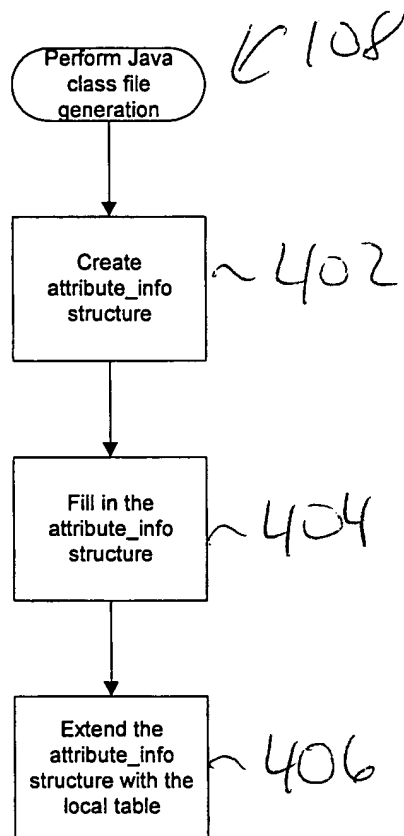


FIG. 3/4

09:33:43 3/3/2000

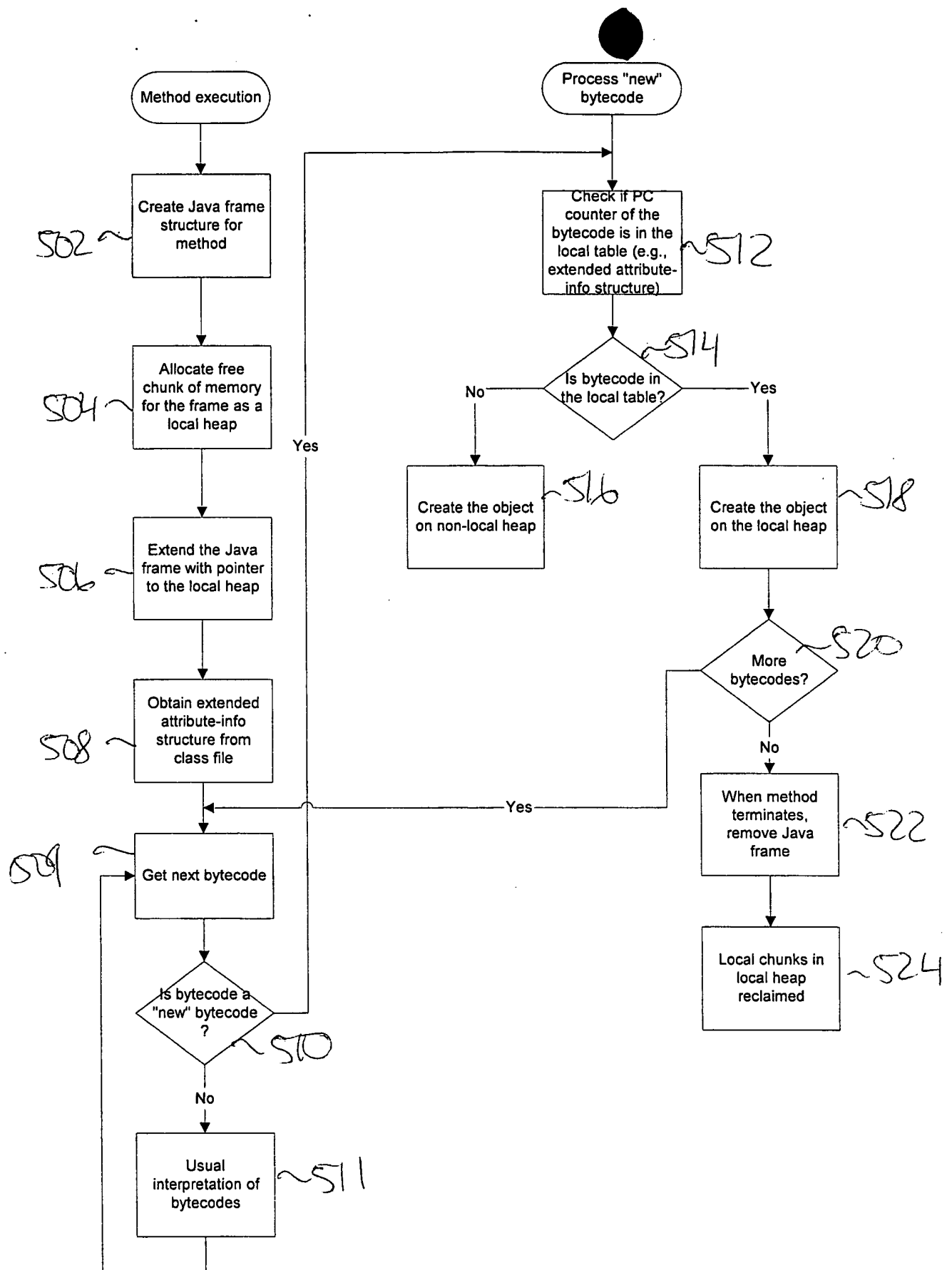


FIG. 4/5

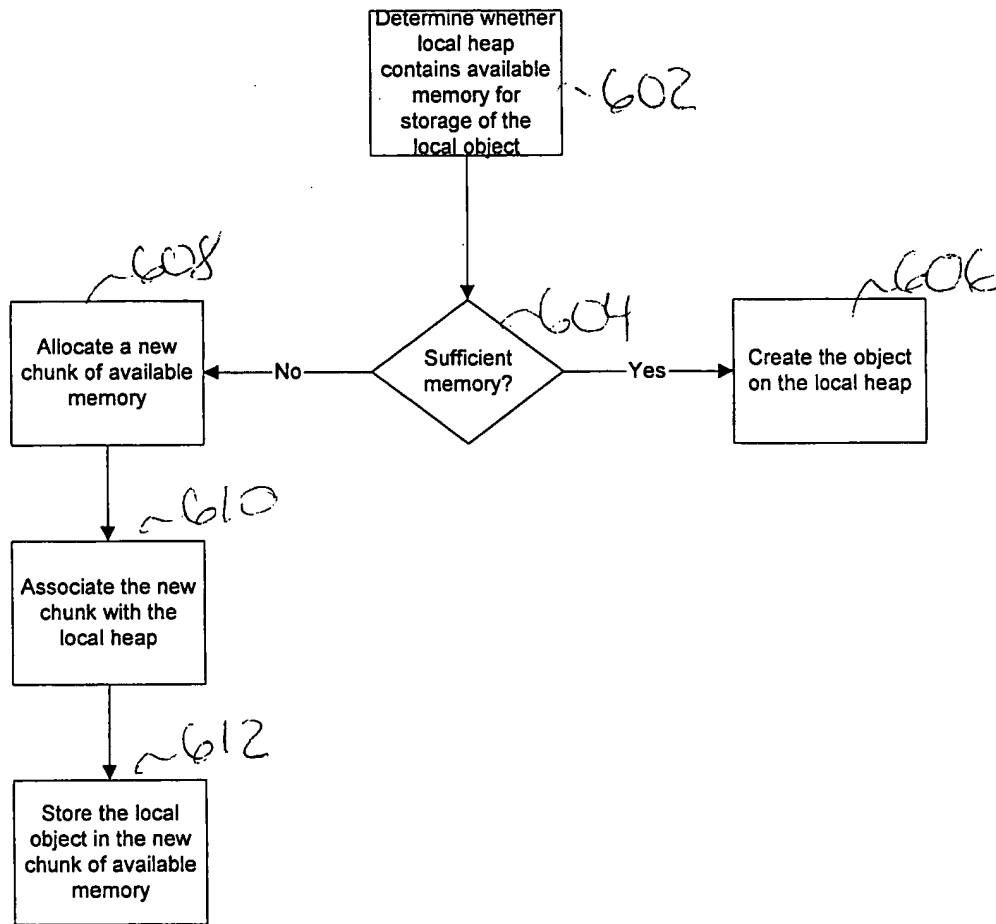


FIG. 6

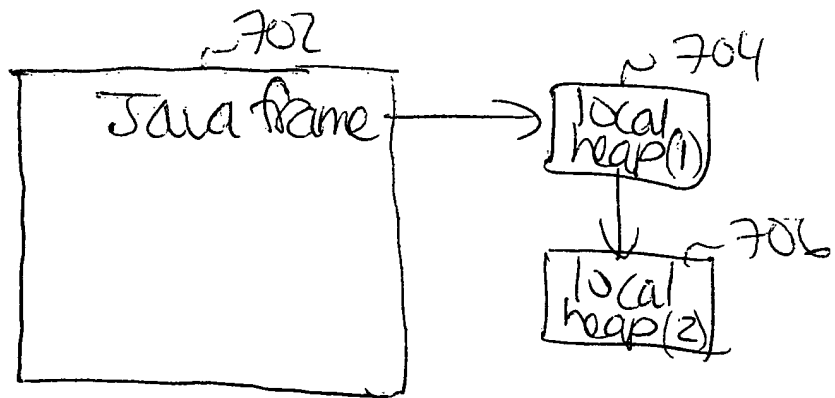


FIG 7

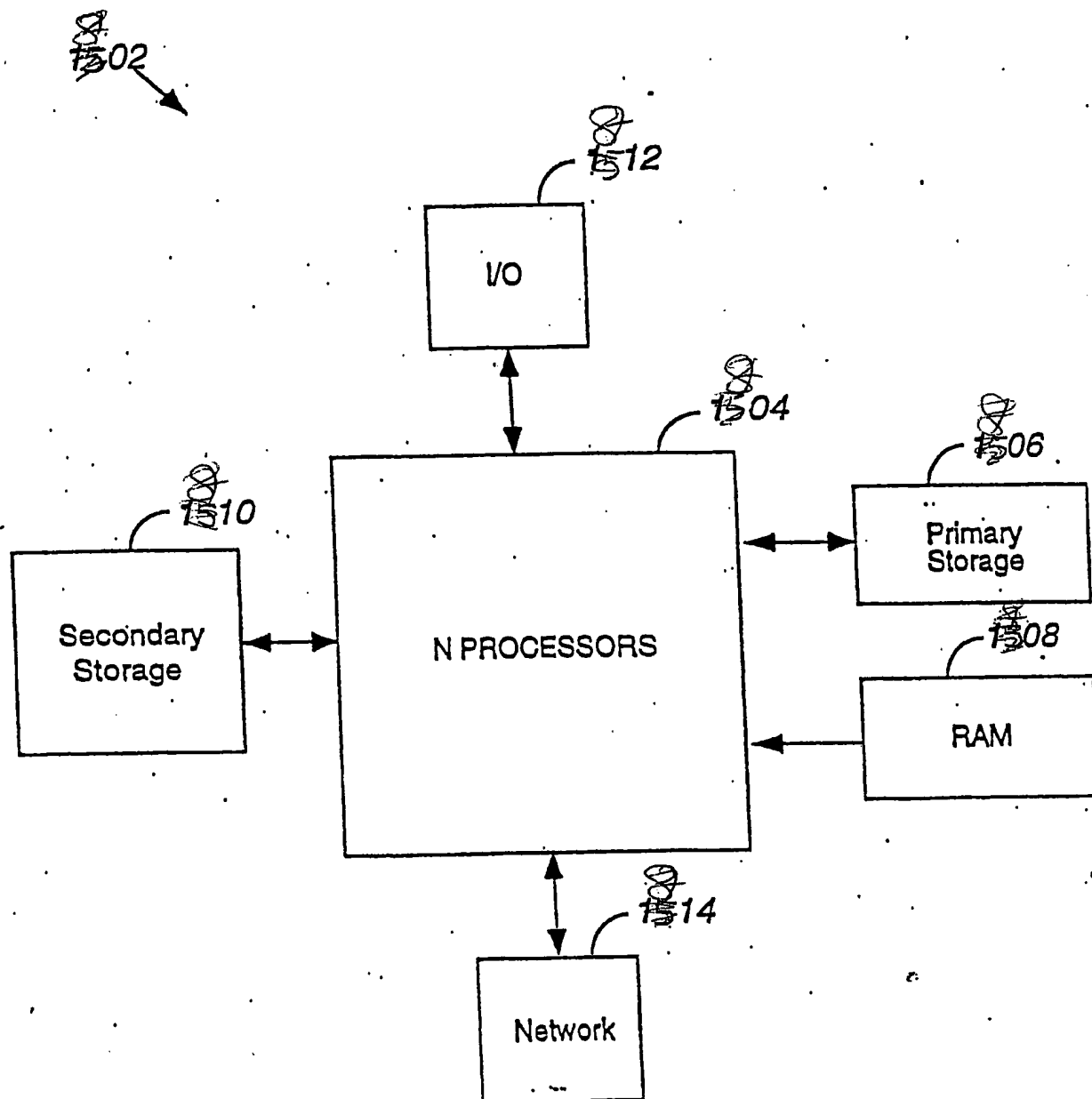


Figure 8

303617 3336260

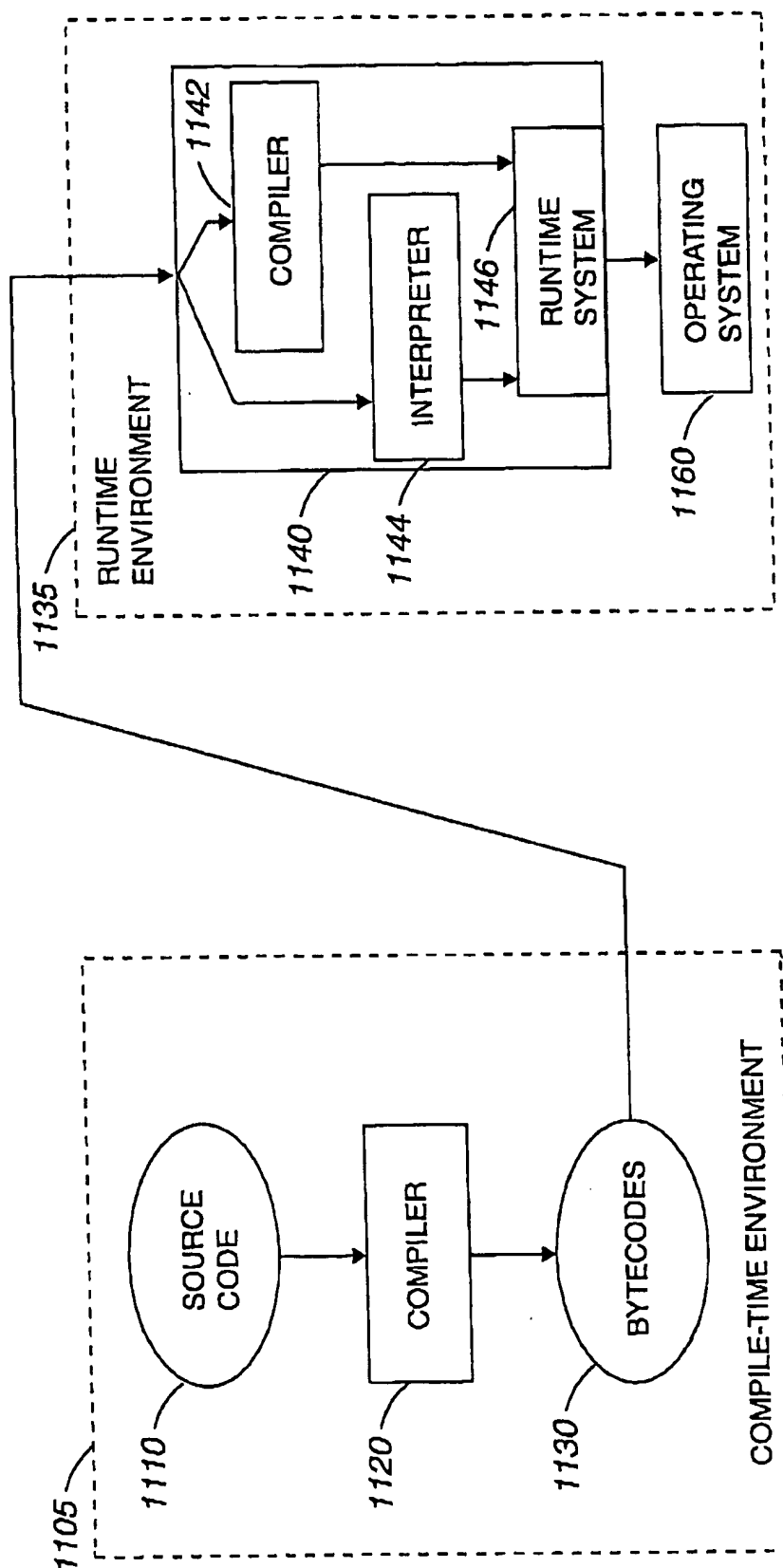


Figure 9